

ASSIGNMENT 1

Textbook Assignment: Chapter 1 - Construction Administration and Safety
Chapter 2 - Drawings and Specifications

- 1-1. When you become a Builder petty officer, you automatically assume which of the following additional responsibilities?
1. Company clerk
 2. Project manager
 3. Project estimator
 4. Crew leader
- 1-2. When planning a project, you must consider both the tools and equipment you will need and the capability of the crew?
1. True
 2. False
- 1-3. To ensure a job is completed on schedule, you should take which of the following actions?
1. Order extra equipment
 2. Conduct disaster control training
 3. Demand quantity work
 4. Encourage teamwork and establish goals
- 1-4. A crewmember is incorrectly doing a job. As crewleader, what action should you take?
1. Place the crewmember on report
 2. Assign extra work to the crewmember
 3. Stop the crewmember and give correct job procedures
 4. Transfer the crewmember to another crew
- 1-5. Which of the following actions will aid you. as a crew leader, in developing teamwork?
1. Rotating crewmembers on various phases of the job
 2. Developing an environment where the crewmembers feel free to seek you out for advice
 3. Maintaining a high level of morale
 4. All of the above
- 1-6. A standard Builder tool kit contains the hand tools required for what maximum size crew?
1. Five persons
 2. Two persons
 3. Six persons
 4. Four persons
- 1-7. As a crew leader, you are NOT authorized to draw the tools required by the individual crewmembers.
1. True
 2. False
- 1-8. What form should a crew leader use to order materials?
1. DD 1148
 2. DD 1250
 3. NAVSUP 1149
 4. NAVSUP 1250
- 1-9. Information on the National Stock Number system is found in which of the following RTMs?
1. *Tools and Their Uses*
 2. *Military Requirements for Petty Officer 3 & 2*
 3. *Blueprint Reading and Sketching*
 4. *Constructionman* TRAMAN

- 1-10. When filling out a time card, what code should you give labor required to support construction operations but that does not itself produce an end product?
1. Direct
 2. Indirect
 3. Overhead
 4. Military
- 1-11. Labor that contributes directly to the completion of the end product is considered what type?
1. Direct
 2. Indirect
 3. Overhead
 4. Military
- 1-12. Compared to productive labor, overhead labor does not contribute directly or indirectly to the completion of an end product.
1. True
 2. False
- 1-13. After being filled in, a daily labor distribution report should be initialed by whom?
1. The assistant company commander
 2. The platoon commander
 3. The company chief
 4. The company commander
- 1-14. The daily labor distribution reports from all companies are compiled and tabulated by the
1. company clerk
 2. operations chief
 3. management division of the operations department
 4. operations officer
- 1-15. As a petty officer, you must be familiar with the safety program at your activity.
1. True
 2. False
- 1-16. The safety policy committee is presided over by what person?
1. The safety officer
 2. The company chief
 3. The administrative officer
 4. The executive officer
- 1-17. What is the primary purpose of the safety policy committee?
1. Develop safety rules and policy for the battalion
 2. Discipline personnel who are involved in accidents
 3. Elect a battalion safety chief and committee
 4. Review all vehicle accident reports and determine the causes of accidents
- 1-18. What is the primary purpose of the safety supervisors' committee?
1. Establish work procedures
 2. Encourage safe practices
 3. Review safety suggestions
 4. All of the above
- 1-19. Which of the following committees reviews vehicle mishaps?
1. The safety supervisors' committee
 2. The safety policy committee
 3. The responsible crew
 4. The equipment committee
- 1-20. As a crew leader, you are NOT responsible for the safe working practices of individual crewmembers?
1. True
 2. False
- 1-21. When an unsafe working condition exists, which of the following Individuals can stop the work until the unsafe condition is corrected?
1. The crewmember
 2. The crew leader
 3. The project safety supervisor
 4. Any of the above

- 1-22. Who among the following individuals is responsible for conducting stand-up safety lectures?
1. The safety chief
 2. The safety officer
 3. The crew leader
 4. The company commander
- 1-23. Of the following, which is the best safety technique a crew leader can apply?
1. Stand-up meetings
 2. Reprimanding violators in view of their peers
 3. Designating a crewmember as the safety representative
 4. Leadership by example
- 1-24. At any given time, building structural members must be able to support which of the following loads?
1. Dead loads only
 2. Live loads only
 3. Total dead plus total live loads
 4. Dead load minus live load
- 1-25. Which of the following building structural members provide immediate support for live loads?
1. Footings
 2. Horizontal members
 3. Vertical members
 4. Diagonal members
- 1-26. Which of the following statements best applies to an outside wall column?
1. It is usually located directly over the inside lower floor columns
 2. It rests on the ground and extends to the roof line
 3. It is a high-strength horizontal structural member
 4. It is a high-strength vertical structural member usually extending from the footing to the roof line
- 1-27. What type of column is used to support the lowest horizontal building member?
1. Bottom floor inside
 2. Outside-wall
 3. Upper floor
 4. Short
- 1-28. The building components supporting the chief vertical structural members (studs) are known as
1. piers
 2. sills
 3. beams
 4. bar joists
- 1-29. The building component above the wall studs and supporting roof framing members is called a
1. header
 2. rafter plate
 3. stud
 4. sill
- 1-30. Rafters are horizontal or inclined members providing roof support.
1. True
 2. False
- 1-31. The peak ends of rafters are supported by
1. purlins
 2. rafter plates
 3. a ridgeboard
 4. studs
- 1-32. A load on a beam is too great for structural integrity and supports cannot be used under the beam. What other structural member can be used to adequately support the load?
1. Pier
 2. Truss
 3. Suspension cable
 4. Rafter

- 1-33. In light frame construction, which of the following trusses is the simplest type used?
1. W-type
 2. Scissors
 3. Hip
 4. King-post
- 1-34. Engineering and architectural design sketches are combined to form what type of drawings?
1. Construction
 2. Perspective
 3. Combination
 4. Symbol
- 1-35. Of the following types of drawings, which is NOT one of the three main drawing groups?
1. Architectural
 2. Mechanical
 3. Detail
 4. Electrical
- 1-36. Drawings that are adequate for a Builder to complete a project are known as
1. assembly drawings
 2. working drawings
 3. detail drawings
 4. a Bill of Materials
- 1-37. Where are you most likely to find information on items too small to appear on general drawings?
1. Detail drawings
 2. Assembly drawings
 3. Bill of Materials
 4. Specifications
- 1-38. What type of drawing is either an exterior or sectional view of an object showing details in proper relationship to one another?
1. Design
 2. Construction
 3. Assembly
 4. General
- 1-39. General drawings are plans (views from above) and elevations (side or front views) drawn on a small scale.
1. True
 2. False
- 1-40. The contours, boundaries, utilities, structures, and other significant physical features of a piece of property are shown on what type of plan?
1. Plot
 2. Site
 3. General
 4. Elevation
- 1-41. What plan should be used to set batter boards and line stakes?
1. Plot
 2. Site
 3. Detail
 4. General
- 1-42. For a footing, the material used and the depth are shown on what type of plan?
1. Floor
 2. Site
 3. Foundation
 4. Elevation
- 1-43. The dimensions, number, and arrangement of structural members in wood-frame construction are shown in what type of plan?
1. Foundation
 2. Floor
 3. Wall framing
 4. Detail
- 1-44. To check the overall height of finished floors, doors, and windows, you should consult what plan?
1. Plot
 2. Elevations
 3. Section
 4. Floor

- 1-45. What plan shows the type of wall and roof covering required?
1. Elevation
 2. Floor
 3. Plot
 4. Foundation
- 1-46. What plan specifies the sizes and spacing of joists, girders, and columns used to support the floor?
1. Plot
 2. Floor framing
 3. Section
 4. Elevations
- 1-47. Sectional views, or sections, provide important information about the height, materials, fastening and support systems, and concealed features of a structure.
1. True
 2. False
- 1-48. Detail drawings give construction information about which of the following items?
1. Doors
 2. Windows
 3. Eaves
 4. All of the above
- 1-49. A schedule is a table or list of working drawings giving number, sizes, and placement of similar items.
1. True
 2. False
- 1-50. Which of the following schedules specifies the interior finish material for each room and floor?
1. Door
 2. Floor
 3. Window
 4. Interior
- 1-51. Which of the following items supplement construction drawings with detailed written instructions?
1. Specifications
 2. Notes
 3. Revisions
 4. Details
- 1-52. How many types of NAVFAC specifications govern work performed by Seabees?
1. One
 2. Two
 3. Three
 4. Four
- 1-53. Which of the following NAVFAC specifications are written for a small group of specialized structures that must have uniform construction to meet rigid operational requirements?
1. NAVFACENGCOM guide specifications
 2. EFD regional guide specifications
 3. Standard specifications
 4. Other specifications
- 1-54. Which of the following specifications do NOT cover installation or workmanship for a particular project?
1. Technical society and trade association specifications
 2. Federal and military specifications
 3. Manufacturer's specifications
 4. Project specifications
- 1-55. Specifications from which of the following sources, combined with drawings, define the project in detail and show exactly how it is to be constructed?
1. The American Society for Testing and Materials
 2. The American National Standards Institute
 3. Manufacturers specifications
 4. Project specifications

1-56. Whenever there is conflicting information between the drawings and project specs, the specifications take precedence over the drawings.

1. True
2. False

1-57. A specifications format contains what total number of divisions?

1. 10
2. 12
3. 14
4. 16

1-58. Which of the following specifications divisions provides information on concrete masonry units, brick, stone, and mortar?

1. Concrete
2. Masonry
3. Site work
4. General requirements

1-59. The specifications division that includes items such as medical equipment, laboratory equipment, and food service equipment is called the specialties division.

1. True
2. False

1-60. How many parts do the technical sections of specifications break down to?

1. One
2. Two
3. Three
4. Four